Extra Practice Problem 1

- How will this schedule be executed?

$w_1(A)$; $w_2(A)$; $r_3(B)$; $w_3(B)$; $r_3(A)$; $r_2(B)$; $w_1(B)$; $r_2(A)$

T1	T2	T3	A	B
			RTS = WTS = 0 c = true	RTS = WTS = 0 c = true
TS = 220 w(A)				
	TS = 230 w(A)		WTS = 220; c = false	
			WTS = 230; c = false	
		TS = 240 r(B) w(B) r(A) *denied:wait*		RTS = 240 WTS = 240; c = false
	r(B) *denied: roll back*		WTS = 220; c = false	
	…			
w(B) *denied: roll back* …		r(A); *commit*	WTS = 0; c = true RTS = 240	*c = true*

Extra Practice Problem 2

- How will this schedule be executed?

$r_1(B)$; $r_2(B)$; $w_1(B)$; $w_3(A)$; $w_2(A)$; $w_3(B)$; $commit_3$; $r_2(A)$

T1	T2	T3	A	B
			RTS = WTS = 0 c = true	RTS = WTS = 0 c = true
TS = 225 r(B)				RTS = 225
	TS = 240 r(B)			RTS = 240
w(B) *denied: roll back*		TS = 260 w(A)	WTS = 260; c = false	
	w(A) *denied: wait*			
	w(B)	w(B) commit	c = true	WTS = 260; c = false c = true
	w(A) *ignored* r(A) *denied: roll back*			RTS = 0 (because the txn for the prior RTS (225) has also been rolled back)
…	…			